harman/kardon®

DESIGNED TO ENTERTAIN, PAGE 6
A/V RECEIVERS, PAGE 10
ACTIVITY-BASED REMOTE, PAGE 14
DIGITAL PATH RECEIVERS, PAGE 16
MULTIROOM PRODUCTS, PAGE 18
STEREO RECEIVERS, PAGE 20
DVD PLAYERS, PAGE 22
STEREO COMPONENTS, PAGE 26
INTEGRATED HOME THEATER SYSTEM, PAGE 28
HOME THEATER SPEAKER SYSTEMS, PAGE 30
SPECIFICATIONS, PAGE 34

PERFORMANCE

Harman Kardon believes that high-quality audio/video components must do more than just look and sound good – they must deliver a complete package of performance, design, flexibility and ease of use. For more than 50 years, Harman Kardon products have done just that by incorporating a broad array of technological and design innovations. So if you're looking for audio/video products that produce pure, realistic sound and video with ever-smarter engineering and ever-simpler design, we invite you to experience the unique combination of artistry and engineering that is Harman Kardon.

DESIGNED
to Entertain

The best technologies are the ones that add to the power and performance of a system while making it easier to use.

TC 30

Wouldn't it be nice it you could use simple language to tell your remote what equipment it needs to control, have it automatically program the correct codes and then adapt each activity to your personal preferences? Thanks to Harman Kardon technology – programmable via the Internet – that's exactly what the TC 30 can do, with a color LCD screen as an added bonus!

EzSet/EQ

Getting the best sound takes more than just power, it requires tailoring the system parameters to the unique characteristics of the listening room. With the press of a few buttons, our patented EzSet/EQ,™ EzSet+™ and EzSet™ systems do that for you automatically, with accuracy previously possible only with expensive professional gear.

A-BUS

Harman Kardon technology unleashes music power so that it can be heard almost anywhere in the house. Thanks to configurable amplifiers, A-BUS/*READY*® single-wire connectivity and standard Zone II remotes, it's easier than ever to have the sound you want, where you want it.

UPDATES

Sometimes technology changes after you purchase a component. That's why all Harman Kardon DVD players and HS systems, the DPR and select AVR receivers can be easily updated when needed, keeping your system current for years to come.

Powered for today, and tomorrow. Harman Kardon's AVR 7300, AVR 635 and AVR 435 receivers have their power measured by more than just the traditional measurements of sonic performance. Their power is defined by the capabilities of

AVR
A/V-Receivers

the processors that drive the unit, and the ability to upgrade the system software to add new functionality when needed. Assignable, wide-bandwidth, component video inputs and A/V Sync Delay are other powerful examples of how Harman Kardon accommodates today's sources, and the high-resolution audio and video products to come.

AVR 7300

7 x 110W 7.1-Channel A/V Receiver.

The “video” part of “audio/video receiver” has never meant so much. In addition to a powerful high-current, ultrawide bandwidth amplifier and all the audio formats and features you expect from Harman Kardon, the AVR 7300 is equipped with DCDi by Faroudja® image processing, which improves the quality of any video source, and upconverts all inputs to high-resolution component video. Along with built-in test signals and a wide range of video adjustments, the AVR 7300 gives you picture quality to match the unparalleled power and performance of Harman Kardon audio.

AVR 635

7 x 75W 7.1-Channel Receiver.

Power meets power. The AVR 635 combines the sonic power of a high-current, ultrawide-bandwidth amplifier with the computing power of Texas Instruments’ most advanced audio DSP to deliver unparalleled performance. Thanks to Harman Kardon’s advanced EzSet/EQ functionality, the AVR 635 not only automates speaker, output and delay settings; it corrects for room acoustics with a parametric equalizer. Add video conversion circuits that output all video sources via component connections with on-screen graphics, and you have the power to tame any system and deliver powerful performance.

AVR 435

7 x 65W 7.1-Channel Receiver.

Perfect home theater, no waiting! Thanks to EzSet/EQ, setting up the AVR 435 is quick and simple. Plug in the compact microphone, press a few buttons, wait a few minutes for test tones to calibrate the system, and you’re ready to rock. No more complex configuration settings, just precise measurements made automatically. Once you’re ready to listen, you’ll find the latest in DSP technology, with all the popular surround modes, a high-current amplifier, a host of second-zone possibilities and high-current power to spare.

Performance to be proud of, modestly priced. Listeners and reviewers around the world have long accorded Harman Kardon

AVR
A/V-Receivers

receivers “best in class” status. Even our most modestly priced receivers feature a high-current, ultrawide-bandwidth amplifier design and an elegant appearance.

AVR 335

7 x 55W 7.1-Channel Receiver.

System setup, no tools required. No matter how comfy your listening room, it would benefit from fine-tuning, and with EzSet+™, the AVR 335 does that electronically, thanks to a high-precision DSP and standard calibration microphone. Once it's calibrated, a high-current amplifier, precise DSP and wealth of convenience features make it easy to sit back and enjoy your movies and music.

AVR 235

7 x 50W 7.1-Channel Receiver.

The AVR 235 brings new life to movies and music, thanks to a wide variety of 7.1-channel decoding and processing modes, including Dolby Digital, Dolby Pro Logic IIx, Logic 7 and DTS-ES. An EzSet remote and on-screen menus simplify installation, while multiple inputs and outputs let you connect to any analog or digital source, including component video. With the AVR 235, your speakers never heard it so good!

AVR 135

6 x 40W 6.1-Channel Receiver.

Don't let the AVR 135's price fool you! Our most affordable A/V receiver has on-screen menus, 50MHz bandwidth component video switching and, of course, our world-renowned high-current, ultrawide-bandwidth amplifier design. If you are looking for a way to upgrade your analog system to the latest in digital home theater, or are putting together your first system, the AVR 135 delivers theater-quality sound at a budget-sensitive price.
Available in black and silver.

It's time to Take Control™! The TC 30 extends our commitment to taking integrated entertainment to the next level by making it easier than ever to not only program a remote control

Activity-Based REMOTE

for virtually any combination of components – from Harman Kardon and other brands – but to link them together so that even the most technophobic among us can operate the most complex audio/video system.

TC 30

Activity-Based Remote

There's a good reason that the "TC" in "TC 30" stands for "Take Control." This unique product does more than just operate single components; it dramatically changes the way you configure and use a remote control. Setup is done directly with our Web site, where plain language "wizards" recognize the brand and model of all your equipment and automatically send the right codes back to the TC 30. The TC 30 remote groups all the needed commands, including "Watch TV," "Listen to CD" and "Watch a DVD" into unified activities. All you need to do is look at the color LCD screen, select the icon that matches the activity, and the TC 30 does the rest. It's easy, it's fun and it makes operating otherwise complex systems a breeze.

Pure digital, pure performance. Harman Kardon's digital path receiver topology preserves the quality of your program sources by linking them directly to a powerful amplifier without any conversions back and forth

DPR
Digital Path Receivers

between analog and digital. Beyond the power and musicality it delivers across the full audio bandwidth, Harman Kardon's DPR is designed to be highly efficient – there's no need to sacrifice performance when space is at a premium.

DPR 2005

7 x 120W 7.1-Channel Digital Path Receiver

Thanks to our digital path receiver technology, the DPR 2005 packs an incredible amount of power into a compact form. It features the latest surround formats from Dolby® and DTS,® including Dolby Pro Logic® IIx, Dolby Virtual Speaker and DTS 96/24, along with our proprietary Logic 7 technology, which gives older stereo and matrix soundtracks a full 7.1-channel presentation. Digital bass management, even for analog inputs from DVD-A and SACD players, combined with our quadruple crossover system, creates a seamless, powerful soundfield, while a wide range of multiroom options, including A-BUS/ready connectivity, assignable rear channels and a separate Zone II remote, let you spread great sound throughout the house.

DPR 1005

7 x 70W Digital Path Receiver

Digitally delightful. If you've always wanted a feature-packed audio/video receiver but never thought one could fit in a small space, the DPR 1005 is a digital dream come true. Thanks to our digital path technology, you have access to a wide range of inputs and processing modes to power your system without missing a beat. Along with assignable, HD-compatible component video inputs, renameable audio inputs, and a full palette of surround sound modes and control options, the DPR 1005 excels at doing what you demand from your audio products – reproducing the original performance or movie soundtrack as it was meant to be heard.

MULTIROOM Products

Why limit your listening to one room? Harman Kardon makes it easy to enjoy your favorites in almost any room in the house. All 7.1-channel Harman Kardon receivers (except the AVR 235) include a second-zone control system and remote control, complete with assignable rear-channel amps, making it easy to power a second room without an additional amplifier.

ABH 4

4-Room A-BUS Expansion Hub

With the ABH 4, no room in the house needs to be without music, no matter which AVR is in use. For existing systems linked to A-BUS/*READY* products, the ABH 4 allows you to power up to four rooms, or even more with additional ABH 4 hubs. For systems without an A-BUS/*READY* jack, the ABH 4's onboard audio inputs add the simplicity of A-BUS to any multichannel or stereo receiver with a "Tape" or "Multiroom" output; you can even use it directly with a CD or DVD player or outboard tuner to bring music to any room.

AB 1

Amplified In-Wall Module for A-BUS Applications

The innovative A-BUS system makes it incredibly easy to bring Harman Kardon sound to a remote room. Thanks to a built-in amplifier and a single-cable connection to any A-BUS/*READY* receiver or the ABH 4, all you need to do is connect the speakers, use your Zone II remote or the up/down volume control, and musical pleasure is yours throughout your home.

HE 1000

External Infrared Remote Sensor

Stay in command. Whether a Harman Kardon product is hidden behind doors, or connected to another room, this external IR sensor allows the use of any compatible remote to operate your Harman Kardon system.

Is a stereo receiver obsolete in a predominantly digital, multichannel world? Absolutely not! Harman Kardon's stereo receivers are

STEREO
Receivers

the audio equivalent of an elegant analog timepiece in a world filled with digital chronometers, and they remain the standard by which other stereo receivers are judged.

HK 3480

2 x 120W Stereo Receiver

When two channels are all you need, make it two ultrawide-bandwidth, high-current channels from the company that invented the stereo receiver. The HK 3480 features seven audio inputs, four video inputs (including one on the front panel), 30 AM/FM station presets, VMAx® surround synthesis from stereo sources, a three-step dimmable fluorescent display, a phono preamp, pre-out/main-in jacks, gold-plated phono inputs and a separate subwoofer output. Also included is a multicomponent system remote control.

HK 3380

2 x 80W Stereo Receiver

Perfect for a main music system, the HK 3380 uses the same discrete high-current, ultrawide bandwidth amplifier technology found in our AVR Series receivers. It also has four video inputs, including one on the front panel, a multicomponent system remote control, a 30-preset AM/FM section, a phono preamp, a subwoofer output, a dimmable fluorescent display, pre-out/main-in jacks and even a nine-step, 90-minute sleep timer.

High performance is the very definition of a Harman Kardon DVD player, and our engineers have designed them to deliver maximum resolution for use

DVD Players

with the latest digital video displays and multichannel sound systems. Our passion for quality ensures that you'll enjoy a level of realism that surpasses anything you've seen or heard before.

DVD 47

DVD Audio/Video Player With SACD™, HDMI and DivX®

The DVD 47 is Harman Kardon's most advanced DVD player, delivering performance that satisfies audiophiles and videophiles alike. On the video side, advanced processing upscales the signal to 720p or 1080i via an HDMI output, along with the ability to view both JPEG and Kodak® Picture CD™ images. Critical listeners will revel in the fidelity of both DVD-Audio and SACD, in addition to MP3 and WMA playback of compressed music formats. Sound and image, in any combination, all at the best possible resolution. That's the DVD 47.

DVD 37

DVD Audio/Video Player With SACD and DivX®

The DVD 37 gives equal time to your eyes and your ears. Your ears will feast on both DVD-Audio and SACD playback, all with internal bass management, while your eyes will relish the stunning progressive-scan imagery. Indeed, the DVD 37 has yet to meet a format it doesn't like, offering playback from both "-R/RW" and "+R/RW" recordable discs as well as MP3, WMA, VCD, JPEG and Kodak Picture CD formats. Add a backlit remote to control it all and you have the perfect combination to treat all the senses.

DVD 27

Progressive-Scan DVD Player With DivX®

The DVD 27 may be slim in design, but it doesn't scrimp on features. Indeed, this is a compact giant that offers progressive-scan-video perfection with super-fine slow motion, a backlit remote, and image-format playback from JPEGs and Kodak Picture CDs, as well as MP3 and WMA audio files. A built-in test signal for critical setup, and high-end DACs for analog connectivity make the DVD 27 a true "best in class" performer.

The whole is dependent on the sum of the parts. While current trends in home audio seem to be moving towards greater integration, there are times

STEREO Components

when only the best separate components will do. The HD 970, HK 970 and TU 970 each do only one thing, but do it exceedingly well. Together, you have the ultimate system with superb performance.

TU 970

DAB/RDS Tuner

Digital entertainment, all day long. With Digital Audio Broadcasting capability, this high-quality tuner delivers more stations and offers pure, distortion-free, CD-like sound, while providing useful radio and data services. Combining ease of use with interference-free reception, Harman Kardon's TU 970 features the newest digital technologies from one of the oldest hi-fi names.

HK 970

Stereo Integrated Amplifier

Two-channel music reproduction is the toughest test of an audio component, and Harman Kardon's new HK 970 passes with flying colors. The ultimate combination of modern design and time-proven concepts, the HK 970's high-current amplifier delivers serious power that is more than the match for even the most demanding loudspeaker loads. The end result is lively, dynamic sound that is a true representation of the original performance. While others deliver inflated specifications, the HK 970 delivers sound performance.

HD 970

Single disc CD player with CD Text

Imagine the best, and make it better. That is Harman Kardon's approach to building a CD player that simply has no equal. Optimized for precision CD playback, the HD 970 combines the third generation of our Real-time Linear Smoothing technology (RLS-III) with a high performance digital-to-analog converter to deliver spacious, richly detailed sound that multi-purpose machines simply cannot deliver. If you appreciate music, you'll love the HD 970.

Small system size with big system performance. That's the goal of our new all-in-one home theater system. Because the power and flexibility of an A/V receiver and DVD player are combined in the same

INTEGRATED HOME THEATER System

chassis, space considerations no longer need dictate system performance. With carefully matched, compact speakers and a powerful subwoofer, you have a great home theater system that fits almost anywhere.

HS 100

5 x 35W 5.1-Channel Integrated Home Theater System

The HS 100 is a true feat of system engineering, seamlessly blending the flexibility of an all-in-one receiver/progressive-scan DVD-Audio/Video player with our HKTS 7 speaker system so that home theater power is now available where it could never fit before. The audio and video features and performance that you expect from Harman Kardon are here, including simultaneous playback of JPEG images with MP3 or WMA audio files, a video test screen for full-system calibration, and a wide range of picture and sound playback, programming and control options.

HOME THEATER
Speaker Systems

Our HKTS home theater speaker systems make it easy to choose the right speakers to match your home theater components. By providing a complete system, they ensure that frequency response, dispersion and dynamic range are carefully matched so that all the speakers in a multichannel system blend rather than compete with one another. HKTS systems complement any room décor, and perfectly match Harman Kardon's components and today's flat-screen video displays.

HKTS 11

5.1-Channel Home Theater Speaker System

The HKTS 11 home theater speaker system combines identically voiced two-way satellite and center channel speakers with a magnetically shielded 10-inch, 200-watt subwoofer for high-performance sound that complements the design of Harman Kardon receivers and DVD players, and today's flat-panel video displays. Advanced features include a line-level Sub/LFE input, music-sense on/off and a multicolor LED power indicator. Wall-mount brackets for the satellite are included.

HKS 4

Surround Loudspeakers

Unleash the 7.1-channel capability of your new AVR or DPR by adding these elegant loudspeakers to an HKTS 11 system and experience new dimensions in audio performance.

Big movie sound from a remarkably compact, fully matched system. That's precisely the goal we set for the HKTS 8, and it more than meets the challenge.

HOME THEATER
Speaker Systems

Conventional wisdom says that you need large speakers for "large sound," but the HKTS 8 destroys that notion as easily as it reproduces the sound of space rangers destroying alien invaders.

HKTS 8

6.1-Channel Home Theater Speaker System

The HKTS 8 includes five satellite speakers with 3-inch midrange and 1/2-inch high-frequency drivers, and a voice-matched, dual-midrange center channel speaker with a 3/4-inch-dome tweeter. Heart-pounding bass is provided by a 10-inch subwoofer with built-in 100-watt amplifier. Wall-mount brackets for the satellite speakers are included.

HKS 3

Surround Loudspeakers

Expand your HKTS 8 or any 5.1-channel speaker system to the full realism of seamless 7.1-channel surround, without taking up space.

HTFS 2

Floor Stands

These slim-profile, aluminum-extrusion columns are custom designed to match the HKTS 8, HKTS 11, HKS 3 and HKS 4 satellite speakers while accenting any room décor. A self-contained internal wire-management system adds to the system approach by keeping speaker wires out of sight.

SPECIFICATIONS

Model	DPR 2005	DPR 1005	AVR 7300	AVR 635	AVR 435	AVR 335	AVR 235	AVR 135
Description	7.1-Channel Digital Path Receiver	7.1-Channel Digital Path Receiver	7.1-Channel Audio/Video Receiver	7.1-Channel Audio/Video Receiver	7.1-Channel Audio/Video Receiver	7.1-Channel Audio/Video Receiver	7.1-Channel Audio/Video Receiver	6.1-Channel Audio/Video Receiver
Stereo Power (FTC)	120 x 2	70 x 2	125 x 2	90 x 2	80 x 2	70 x 2	65 x 2	50 x 2
Multichannel Power (FTC)	120 x 7	70 x 7	110 x 7	75 x 7	65 x 7	55 x 7	50 x 7	40 x 6
Amplifier Type	Advanced PWM	Advanced PWM	High Current ±75 amps	High Current ±50 amps	High Current ±40 amps	High Current ±35 amps	High Current ±35 amps	High Current ±25 amps
THD @ Impedance	0.15% @ 8 ohms	0.15% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms
Bandwidth	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz
Bandwidth @ 1W (+0/–3dB)	20Hz – 20kHz	20Hz – 20kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz
Signal-to-Noise Ratio (IHF-A)	97dB	97dB	100dB	100dB	100dB	100dB	100dB	100dB
Power Supply	Switch mode	Switch mode	Torroidal transformer independent front and rear supplies	Linear transformer independent front and rear supplies	Linear transformer independent front and rear supplies	Linear transformer independent front and rear supplies	Linear transformer independent front and rear supplies	Linear transformer independent front and rear supplies
IEC Detachable Power Cord	Yes	Yes	Yes	Yes	Yes	No	No	No
Dolby Digital EX	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dolby Pro Logic II	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Yes
DTS 5.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTS-ES 6.1 Matrix & Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTS 96/24	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
DTS Neo:6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Logic 7	Yes w/96kHz capability	Yes w/96kHz capability	Yes w/96kHz capability	Yes w/96kHz capability	Yes w/96kHz capability	Yes	Yes	Yes
VMAx	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Compressed-Audio Decoding	MP3	MP3	MP3	MP3 and WMA	MP3 and WMA	No	No	No
Dolby Virtual Speaker	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Headphone Modes	2-Channel, Dolby	2-Channel, Dolby	2-Channel, Dolby	2-Channel, Dolby	2-Channel, Dolby	2-Channel, Dolby	2-Channel, Dolby	VMAx
HDCD Processing	Yes	Yes	Yes	Yes	No	No	No	No
Multizone	Audio, with remote	Audio, with remote	Audio/video, with remote	Audio, with remote	Audio, with remote	Audio, with remote	No	No
Assignable Rear-Channel Amplifiers	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A
EzSet	Yes, on remote	Yes, on remote	Yes, on remote	EzSet/EQ with micro-phone plus audio tools	EzSet/EQ with micro-phone plus audio tools	EzSet+ with microphone	Yes, on remote	No

Model	TC 30
Description	Activity-Based Remote
LCD Screen	64K color LCD
Maximum Devices	15
Maximum Activities	255
Memory	2MB
Computer Requirements	PC with Microsoft® Windows® 98SE/ME/2000/XP or Mac OS® X, CD-ROM drive, USB port (dial-up or broadband Internet access required for programming)
Includes	TC 30, installation disc, USB cable, lithium-ion rechargeable battery, charging cradle, AC adaptor, power supply
Remote Dimensions (H x W x D)	225 x 54 x 25 mm
Charging Cradle Dimensions (H x W x D)	224 x 60 x 17 mm
Remote Weight	0.17 kg
Charging Cradle Weight	0.14 kg

Model (continued)	DPR 2005	DPR 1005	AVR 7300	AVR 635	AVR 435	AVR 335	AVR 235	AVR 135
A/V Inputs	6	6	6	5	5	5	5	4
S-Video Inputs	6	6	6	5	5	5	5	4
Analog Audio Inputs	4	4	4	4	4	4	4	4
Digital Audio Inputs (Coax/Optical)	Rear panel 2/2 Front panel 1/1	Rear panel 2/2 Front panel 1/1	Rear panel 3/3 Front panel 1/1	Rear panel 3/3 Front panel 1/1	Rear panel 3/3 Front panel 1/1	Rear panel 3/3 Front panel 1/1	Rear panel 2/2 Front panel 1/1	Rear panel 2/2 Front panel 1/1
Digital Audio Outputs (Coax/Optical)	Rear panel 1/1 Front panel 1/0	Rear panel 1/1 Front panel 1/0	Rear panel 1/1 Front panel 1/1	Rear panel 1/1 Front panel 1/0	Rear panel 1/1	Rear panel 1/1	Rear panel 1/1	Rear panel 1/1
Digital Input Polling	All video inputs	All video inputs	All video inputs	All video inputs	All video inputs	All video inputs	All video inputs	All video inputs
Direct Audio Inputs	6/8-Channel with bass management	6/8-Channel with bass management	6/8-Channel with bass management	6/8-Channel with bass management	6/8-Channel	6/8-Channel	6/8-Channel	6/8-Channel
Preamp Outputs	7.1 Channels	7.1 Channels	7.1 Channels	7.1 Channels	7.1 Channels	7.1 Channels	7.1 Channels	Subwoofer
Input Titling	Yes	Yes	Yes	Yes	Yes	No	No	No
Bass Management	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Triple crossover
On-Screen Display	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DSP Processor	Cirrus® CS 49400	Cirrus® CS 49400	Cirrus® CS 49400	Texas Instruments DA610 32-bit	Texas Instruments DA610 32-bit	Cirrus® CS 49400 with 32-bit post processor	Cirrus® CS 49400 with 32-bit post processor	Cirrus® CS 49326
Output DACs	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
DCDi by Faroudja® Video Processing	No	No	Yes	No	No	No	No	No
Wide Bandwidth (50MHz) HDTV-Compatible Component Video Inputs	2, Assignable	2, Assignable	3 (100mHz), Assignable	3, Assignable	3, Assignable	2	2	2
A/V Sync Delay	Yes	Yes	Yes	Yes	Yes	No	No	No
Video Cross Conversion: Composite and S-Video to Component	No	No	Yes	Yes	No	No	No	No
A-BUS Ready	Yes	Yes	Yes, x2	Yes	Yes	No	No	No
System Remote	8-Device learning & programmable, backlit with two-line LCD	8-Device, learning & programmable, backlit with two-line LCD	8-Device, learning & programmable, backlit with two-line LCD	8-Device, learning & programmable, backlit with two-line LCD	8-Device, learning & programmable, backlit with two-line LCD	8-Device programmable	8-Device programmable	6-Device programmable
IR In/Out Jacks	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Discrete Remote On/Off Codes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bi-directional RS-232 Control Port	Yes	Yes	Yes	Yes	Yes	No	No	No
Speaker Terminals	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts
Dimensions (H x W x D)	114 x 440 x 476 mm	114 x 440 x 476mm	192 x 440 x 520 mm	165 x 440 x 435 mm	165 x440 x435 mm	168 x 440 x 381 mm	168 x 440 x 381 mm	168 x 440 x 381 mm
Weight	10.5 kg	9.1 kg	28.6 kg	18.6 kg	17.7 kg	14.1 kg	12.9 kg	11.1 kg

Model	ABH4
Description	4-Room A-BUS® Expansion Hub
System Requirements	AB 1 or other compatible A-BUS® modules. Harman Kardon A-BUS/ready® receiver or any source device with standard analog L/R outputs.
Dimensions (H x W x D)	ABH 4: 84 x 183 x 30 mm Power Supply: 37 x 151 x 71 mm
Weight	ABH 4:0.41 kg Power Supply: 0.45 kg

Model	AB 1
Description	A-BUS/*READY*® In-Wall Module With Built-In Amplifier
System Requirements	Any Harman Kardon A-BUS/*READY*® receiver, or any receiver or source product connected to an ABH 4. Connections via Cat. 5/5e cable. Use with 6-ohm or 8-ohm speakers with sensitivity >88dB. Includes IR sensor for pass-through of remote commands.
Dimensions (H x W x D)	108 x 44 x 57 mm
Weight	0.11 kg

Model	HE 1000
Description	External Infrared Remote Sensor
System Requirements	Harman Kardon or compatible products with "IR Remote In" jack
Includes	Power supply, connecting block, connecting cable
Unit Dimensions (H x W x D)	24 x 85 x 60 mm
Unit Weight	0.16 kg

Model	HK 3480	HK 3380
Description	Stereo Receiver	Stereo Receiver
Power (FTC)	120 x 2	80 x 2
THD	<0.07%	<0.07%
Impedance	8 Ohms	8 Ohms
Bandwidth	20Hz – 20kHz	20Hz – 20kHz
HCC (amps)	±45	±42
Bandwidth @ 1W (+0, –3dB)	10Hz – 110kHz	10Hz – 110kHz
Discrete Amplifier Output Devices	Yes	Yes
VMAx	Yes	No
Audio Inputs	7	7
Video Inputs	4 (1 on front panel)	4 (1 on front panel)
Video Outputs	1	1
Phono Input	Yes	Yes
Tape Monitor Loop	Yes	Yes
Tuner	FM stereo/AM with 30 presets	FM stereo/AM with 30 presets
A/B Speaker Switching	Yes	Yes
Subwoofer Output	Yes	Yes
Preamp Outputs/ Main Amp Inputs	Yes	Yes
Accessory Outlets	2 Switched	2 Switched
System Remote	Yes	Yes
Separate Remote On/Off Buttons	Yes	Yes
Dimensions (H x W x D)	168 x 440 x 382 mm	168 x 440 x 382 mm
Weight	10.4 kg	9.5 kg

Model	HTFS2†
Aluminum-Extrusion Column	Yes
Wire-Management System	Yes
Height, Assembled, Not Including Floor Spikes and Without Speaker	875 mm
Base	227 x 178 Oval
Weight	7.5 kg
Some assembly required	

All features and specifications are subject to change without notice.

NOTE: Depth measurements include knobs, buttons and terminal connections; height measurements include feet and chassis.

	DVD 47	DVD 37	DVD 27
Description	DVD Audio/Video Player With SACD™ and HDMI	DVD Audio/Video Player With SACD™	Progressive-Scan DVD Player
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD	DVD, DVD-R/RW, DVD+R/RW, VCD	DVD, DVD-R/RW, DVD+R/RW, VCD
Audio Formats	DVD-Audio, SACD,™ CD, CD-R/RW, MP3, WMA*	DVD-Audio, SACD,™ CD, CD-R/RW, MP3, WMA*	CD, CD-R/RW, MP3, WMA*
HDMI™ Output	Yes, HDMI™ 1.1	No	No
DivX	Yes	Yes	Yes
Still-Image Formats	JPEG, Kodak® Picture CD™	JPEG, Kodak® Picture CD™	JPEG, Kodak® Picture CD™
Audio DACs	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
Video DACs	27MHz – 54MHz/10-bit	27MHz – 54MHz/10-bit	27MHz – 54MHz/10-bit
Video Outputs	480i, 480P, 720P, 1080I	480i, 480P	480i, 480P
Video Test Screen	Yes	Yes	Yes
Video Off Mode	Yes	Yes	Yes
Screen Saver	Yes	Yes	Yes
Compressed Audio Bit Rates	MP3: 32 kbps – 320 kbps WMA*: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA*: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA*: 16 kbps – 192 kbps
JPEG Resolution	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size
Disc Recognition Memory	DVD-Video: 100 discs MP3/WMA*: 10 discs	DVD-Video: 100 discs MP3/WMA*: 10 discs	DVD-Video: 100 discs MP3/WMA*: 10 discs
Still-Image Rotation	90-Degree increments	90-Degree increments	90-Degree increments
Slow Play	1/2x, 1/4x, 1/6x, 1/7x	1/2x, 1/4x, 1/6x, 1/7x	1/2x, 1/4x, 1/6x, 1/7x
Fast Play	2x, 4x, 8x, 20x	2x, 4x, 8x, 20x	2x, 4x, 8x, 20x
Random Play	CDs only	CDs only	CDs only
Repeat Play	Disc, track, A/B†	Disc, track, A/B†	Disc, track, A/B†
Programmed Play	CDs only	CDs only	CDs only
Digital Audio Outputs	Coax, optical, HDMI 1.1	Coax, optical	Coax, optical
Remote	Backlit	Backlit	Backlit
IR In/Out Jacks	Yes	Yes	Yes
Dimensions (H x W x D)	41 x 440 x 276 mm	41 x 440 x 276 mm	41 x 440 x 276 mm
Weight	2.7 kg	2.7 kg	2.7 kg

* Windows Media® Audio (WMA) is a proprietary file format developed by Microsoft.

† A/B Repeat Play is available for CDs only.

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Model	HKTS11	HKTS8	HKS4	HKS3
Satellites	4 Identical 2-way satellites with dual 3" midranges and 3/4"-dome tweeter, video-shielded	5 Identical 2-way satellites with 3" midrange and 1/2"-dome tweeter, video-shielded	2 Identical 2-way satellites with dual 3" midranges and 3/4"-dome tweeter, video-shielded	2 Identical 2-way satellites with 3" midrange and 1/2"-dome tweeter, video-shielded
Center Channel Speaker	Voice-matched, dual-driver with two 3" midranges and 3/4"-dome tweeter	Voice-matched, dual-driver with two 3" midranges and 3/4"-dome tweeter	N/A	N/A
Subwoofer	200-Watt, bass-reflex powered subwoofer with 12" driver	100-Watt, bass-reflex powered subwoofer with 10" driver	N/A	N/A
Impedance	8 Ohms (sats & center)	8 Ohms (sats & center)	8 Ohms	8 Ohms
Sensitivity (SPL @ 1 Watt/Meter)	86dB (sats & center)	86dB (sats & center)	86dB	86dB
Frequency Response	System: 25Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)	105Hz – 20kHz (–6dB)	110Hz – 20kHz (–6dB)
Line-Level Inputs	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE	N/A	N/A
Speaker-Level Inputs & Outputs	Binding posts	Binding posts	Spring lever (inputs only)	Spring lever (inputs only)
Recommended Amplifier Power	10W – 120W	10W – 80W	10W – 120W	10W – 80W
Subwoofer Level Control	Yes	Yes	N/A	N/A
Phase Switch	Yes	Yes	N/A	N/A
Music Sense Turn-On	Yes	Yes	N/A	N/A
Low-Pass Filter Switch	Yes	Yes	N/A	N/A
Cables Included	Yes	Yes	Yes	Yes
Wall-Mount Capability	Brackets included for 4 satellites	Brackets included for 5 satellites	Pair of brackets included	Pair of brackets included
Dimensions (H x W x D)	Sats: 243 x 100 x 92 mm Center: 102 x 241 x 92 mm Sub: 479 x 340 x 340 mm	Sats: 167 x 100 x 92 mm Center: 102 x 241 x 92 mm Sub: 479 x 340 x 340 mm	243 x 100 x 92 mm	167 x 100 x 92 mm
Weight	Sats: 1 kg Center: 1 kg Sub: 15 kg	Sats: 0.6 kg Center: 1 kg Sub: 15 kg	1 kg	0.6 kg

Model	HS 100
Description	5.1-Channel Integrated Home Theater System
Multichannel Power	35 x 5
Speaker System	HKTS 7**
DVD Player	Progressive scan
External Audio Connection	Tape In/Out, TV In
Digital Audio Inputs (Coax/Optical)	1/1
Video Outputs	Composite, S, component
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD
Audio Formats	DVD-Audio, CD, CD-R/RW, MP3, WMA*
Still-Image Formats	JPEG
Test Screen	Yes
Fast Play	2x, 4x, 16x, 100x
Slow Play	1/2x, 1/4x, 1/8x, 1/16x
Random Play	Yes, within CD
Repeat Play	1 Track, 1 disc, A/B
Remote	System remote
Dimensions (H x W x D)	68 x 440 x 380 mm
Weight	4.8 kg*

* Excluding speakersystem

Model	HK970
Description	Integrated amplifier
Power (FTC)*	2 x 70W @ 8 ohms 2 x 100W @ 4 ohms
HCC (amps)	±75 Amps
Ultra Wide Bandwidth @ 1W (+0, –3dB)	10Hz – 170kHz
Discrete Amplifier Output Devices	Yes
Signal-to-Noise Ratio IHF-A (–3dB)	109dB
Power Requirement	AC 220 – 240V/50Hz
Power Consumption (Watts)	345W max
Dimensions (H x W x D)	110 x 440 x 389mm
Weight	10.2kg

* 20Hz–20kHz, 8 ohms, 0.07% THD, both channels driven

Model	HD 970
Description	CD Player
Support Data	PCM: 16 to 24 bit, 30 to 96 kHz
DAC Technology	Multibit Sigma-Delta Modulator with Continuous-time Differential Current Output DACs
DAC Interface	24bit/384kHz direct DSP Mode
Oversampling	8 Times
MP3 Playback	Yes
CD Text	Yes
Digital Input	1 Coaxial, 1 Optical
Frequency Response (+/–0.5dB)	20Hz – 20kHz
Signal-to-Noise Ratio (A-Weighted)	117dBA
Total Harmonic Distortion (A-Weighted)	<0.0009%
Line Output Level	2.0 V RMS
Digital Coaxial Output Level	0.5 Vpp / 75 Ohms
Dynamic Range	>116dB
Channel Separation	>115dB
Power Requirement	AC 220 – 240V/50 Hz
Power Consumption (Watts)	10W
Dimensions (H x W x D)	63 x 440 x 332 mm
Weight	4.6 kg

Model	TU 970
Description	DAB tuner
DAB Section	
Frequency Range	174MHz – 240MHz, Band III
Input Sensitivity	–87dBm
Output Level	1V (–20dBm)
Signal-to-Noise Ratio	95dB
Total Harmonic Distortion	0.005%
Stereo Separation	88dB
FM Section	
Frequency Range	87.5MHz – 108MHz
Signal-to-Noise Ratio Mono/Stereo	71/65dB
Distortion Mono/Stereo	0.25/0.4 %
AM Section	
Frequency Range	522kHz – 1620kHz
Signal-to-Noise Ratio Mono/Stereo	0.05/0.18%
Distortion Mono	0.15%
Power Requirement	AC 220 – 240V/50Hz
Power Consumption (Watts)	9W max
Dimensions (H x W x D)	63 x 440 x 299mm
Weight	3.4kg

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Activities
Devices
Help
Thurs 2:30 PM
Choose an Activity:
Watch a DVD
Watch TV
Listen to FM Radio
Play VCR
Listen to XM Radio
Play Game
Listen to The Bridge
Play PVR

Info
Menu
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